



May 31st, June 1 & 2, 2013

## SEA-PAC Banquet Speaker

Jack Crabtree, W7JLC, "Amateur Radio Ballooning"

Jack's career was with Lockheed Martin in Denver, Colorado, where he spent 26 years as a satellite communications engineer. Jack was an active AMSAT member involved in the testing of several amateur radio satellites. Jack co-founded Edge of Space Sciences (EOSS) in Colorado with the explicit goal to "Promote Science and Education through Amateur Radio and High Altitude Balloons" and founded Arizona Near-Space Research (ANSR) where he continues his tradition of involving students in numerous amateur radio high altitude balloon projects and flights. He currently mentors ERAU's Project HiBall which continues to conduct over 130 high altitude balloon flights involving over 800 students.



## Friday Workshop

May 31st, 9 AM - 5 PM (Registration required – optional luncheon)

- \* **Successful DXing with a little pistol station (W7YAQ)** - Work the world with a small station, skill, and patience.
- \* **Getting high on mountains with ham radio! (K7TAY)** - Experience the thrill of DX from summits with portable gear.
- \* **Antennas for a City Lot (K7JA)** - Tools and tricks for putting out an effective signal on a variety of bands, with an eye on maximum pile-up punch for minimum cost.
- \* **Portable antenna systems for EmComm (and having fun with them) (N7KGA)** - Use your portable antenna system so when you need it you know how to use it.
- \* **Operating VHF portable (N7CFO)** - All hams can get into the fun operating VHF and DXing.
- \* **Get out and do it! Portable operation fun (KB7WSD)** - Take your station away from home and operate successfully with the right planning and preparation.
- \* **How to BE DX; As told by a Newbie DXpeditioner (NE7D)** - A light-hearted look at his first time on the other end of the pile-up with a few do's and don'ts learned on his first DX trip.

## SEA-PAC Pin Design Contest

Are you creative? Enter our *SEA-PAC* Pin Design Contest and you could win two free tickets to the Saturday Night Banquet, plus fame and admiration from all of your fellow HAMS. Submit no later than April 8th 2013. Send designs to *SEA-PAC*, Post Office Box 25466, Portland, OR 97298-0466. Examples of previous years pins and the complete rules for the contest are on the *SEA-PAC* web site at ...

## Banquet Awards

Yaesu VX-6R Tri-Band HT & Keurig K-Cup Coffee Maker

ARRL NORTHWESTERN DIVISION  
CONVENTION

[www.seapac.org](http://www.seapac.org)

"The Northwest's Largest Ham Convention"

Seaside Convention Center

415 First Avenue, Seaside, Oregon



## Saturday Seminars

- \* A "When all else fails" ham radio EmComm station
- \* Going digital with PSK31
- \* Getting started with fox-hunting
- \* Blowing Away the Smoke & Mirrors of Antenna Operation
- \* Applying the National Electrical Code to Your Amateur Radio Station
- \* Arctic Circle DXing the World
- \* ARES/RACES Seminar
- \* Ham adventures on Washington summits
- \* New Geometries for High-performance Yagi Beam Antennas
- \* Building and Operating a solar-powered remote APRS Weather Station
- \* What you don't know CAN hurt you (and spoil all the fun): Management and Legal issues for clubs
- \* ARRL Forum
- \* Interference Trouble shooting of your HF/VHF/UHF Radio Site using your HT portable Radio
- \* Program all your radios with CHIRP
- \* WinLink 2000: Send and receive email via radio
- \* Portable DX
- \* ARRL on the International Scene
- \* Beginner's Guide to Radiosport
- \* Building a 1000 foot beverage Antenna
- \* Buddies in the Caribbean 2012
- \* QRZ.com
- \* Ham Radio Law

## Sunday Seminars

- \* Put the Go! into your Go-kit
- \* Antennas for EOC and EmComm Use. Where is Ground?
- \* Successful QSLing
- \* How to successfully plan and operate a special event station

## Emergency Communications (EmComm) Track

- \* VHF/UHF radios for Emergency communications
- \* Tactical and Formal Nets for Emergency Communications
- \* Emergency Communications Repeaters
- \* Fitting Amateur Emergency Communications into the NIMS structure
- \* Mapping and Coordinate systems for Emergency Communicators
- \* Moving from Amateur to Professional for Emergency Communicators
- \* Digital Systems for Emergency Communications (Sun)
- \* Portable Radio Systems (Sun)

# SEA-PAC SCHEDULE

## Friday, May 31

Registration ..... 11:00 AM - 8:00 PM  
 Exhibitor/Flea Market Set-Up..... 11:00 AM - 8:00 PM  
 Friday Workshop (Shilo Inn) ..... 9:00 AM - 5:00 PM  
 Friday Workshop Lunch (Shilo Inn)..... 12:00 Noon

## Saturday, June 1

Exhibitor/Flea Market Set-Up ..... 7:30 AM - 9:00 AM  
 Registration ..... 8:00 AM - 4:30 PM  
 Exhibits & Flea Market Open ..... 9:00 AM - 4:30 PM  
 Snack Bar ..... 9:00 AM - 4:30 PM  
 VE Exams (Pre-registered) ..... 9:00 AM  
 Our Saviour's Lutheran Church - East Parish Hall  
 Seminars ..... 10:00 AM - 5:00 PM  
 Seaside Convention Center  
 YLRL Luncheon (Shilo Inn) ..... 11:30 AM - 12:45 PM  
 With Barbara Yasson, AC7UH - "Meet the YL's"  
 DX Luncheon (Shilo Inn) ..... 11:30 AM - 12:45 PM  
 With David Brandenburg, K5RQ - "How to Make More than 25,000  
 QSO's in 1 Year - and Why Would Anyone Want To!?"  
 SPECIAL DRAWING ..... 2:30 PM  
 Pre-Banquet Happy Hour ..... 6:30 PM - 7:15 PM  
 Banquet ..... 7:15 PM - 9:30 PM  
 Guest Speaker is Jack Crabtree, W7JLC, "Amateur Radio Ballooning"

## Sunday, June 2

Registration ..... 8:30 AM - 12:00 Noon  
 Exhibits & Flea Market Open ..... 9:00 AM - 12:00 Noon  
 Seminars ..... 10:00 AM - 12:00 Noon  
 ARRL Cabinet Meeting ..... 10:45 AM - 12:15 PM  
 Snack Bar ..... 9:30 AM - 2:00 PM  
 MAJOR DRAWING ..... 1:00 PM - 2:00 PM  
 Convention Closes ..... 2:00 PM

*A complete schedule will be available at the Convention Center  
 beginning Friday, May 31, 2013.*

## **Flea Market Table Renters**

Flea Market is a service to those selling or trading used ham gear. Table renters displaying new equipment may be asked to remove it if a Commercial Exhibitor (Main Floor) objects. No power is available for flea market tables.

For more information contact [fleamarket@seapac.org](mailto:fleamarket@seapac.org)

# SEA-PAC AWARDS

## Sunday, 1:00 - 2:00 p.m.

### *Need not be present*

Yaesu FT-450D HF/50MHz Transceiver  
 Kenwood TH-D72A Dual Band HT  
 Apple iPad Mini  
 Alinco DJ-G7T Tri-Band HT  
 Samsung 22" LED HDTV  
 Icom IC-T70A

Icom ID-880H-O5 Dual Band Mobile with D-Star  
 Yaesu FT-8900R Quad band Mobile  
 Alinco DJ-G7T Tri-Band HT

### **Early Bird**

#### *Need not be present*

*Registrations by April 15, 2013*

Yaesu FT-8800R Dual Band Mobile  
 Kenwood TH-F6A Tri-Band HT

*Hourly awards posted for two hours in the lobby and on stage.*

# SEA-PAC CONTACTS

### **General Information:**

Wayne Schuler, AI9Q  
 360.892.5580  
[info@seapac.org](mailto:info@seapac.org)

### **Exhibitors:**

Al Berg, W7SIC  
 503.816.7098  
[exhibitors@seapac.org](mailto:exhibitors@seapac.org)

### **Flea Market:**

Tom Hill, WA3RMX  
 503.780.6940  
[fleamarket@seapac.org](mailto:fleamarket@seapac.org)

### **Registration:**

Melissa Nelson, KF7JIK  
 503.848.9838  
[registration@seapac.org](mailto:registration@seapac.org)

### **Seminars:**

Delvin Bunton, N7QMT  
 360.256.9122  
[seminars@seapac.org](mailto:seminars@seapac.org)

### **Prizes:**

Warren Winner, W7JDT  
 503.644.0752  
[prizes@seapac.org](mailto:prizes@seapac.org)

### **SEA-PAC Web Site:**

<http://www.seapac.org>

### **Mailing Address:**

SEA-PAC Convention  
 Post Office Box 25466  
 Portland Oregon 97298-0466

# SEA-PAC REGISTRATION

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Email Address \_\_\_\_\_

Call Sign \_\_\_\_\_ Phone \_\_\_\_\_

**NICKNAME & CALL SIGN FOR REGISTRATION BADGE**  
*Please Print - Indicate children with a "C"*

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**EARLY BIRD Registration postmarked by April 15, 2013**

Registrations at \$8.00 each (\$10.00 at the door) ..... \$ \_\_\_\_\_

Children (12 and under) FREE ..... \$ \_\_\_\_\_

Flea Market Tables (No Dealer Sales) ..... \$ \_\_\_\_\_  
(\$15 per table one day main floor -or- \$25 per table for 2 days upstairs)  
(NO power available)

Friday Workshop at \$18.00 (120 person limit) ..... \$ \_\_\_\_\_

Friday Workshop Luncheon at \$16.50 (120 person limit) ..... \$ \_\_\_\_\_

Saturday YLRL Lunch at \$16.50 (50 person limit) ..... \$ \_\_\_\_\_

Saturday DX Lunch at \$16.50 (50 person limit) ..... \$ \_\_\_\_\_

Saturday Banquet Salmon Dinner at \$29.00 ..... \$ \_\_\_\_\_

Saturday Banquet Prime Rib at \$29.00 ..... \$ \_\_\_\_\_

**TOTAL** \$ \_\_\_\_\_

**Refunds of \$5.00 or more only. NO Refund after May 13, 2013.**  
**Comments on back side of form please**

**- PLEASE ALLOW 4 WEEKS FOR RECEIPT OF TICKETS -**

**Tickets can be purchased online at <http://www.seapac.org> starting February 16, 2013**

## VE Testing

Testing will be conducted at Our Savior's Lutheran Church near the conference center at 9:00 a.m. Saturday, June 1, 2013. Seating is limited so reserve your place by registering now. Registration must be received by May 14, 2013.

**Pre-registration only. No walk-ins!**

Confirmation will be sent to registered participants. Bring photo ID, original and copy of all licenses/CSCE documents, and a check for \$15.00 payable to "ARRL VEC".

Need additional information?  
Call Carl Clawson evenings — 503.629.5796

## Registration For VE Test

**Please check the examination element(s) you wish to take:**

- ☐ Element 2 (Technician)    ☐ Element 3 (General)  
☐ Element 4 (Extra)

Name \_\_\_\_\_

Address \_\_\_\_\_

City, State, Zip \_\_\_\_\_

Telephone \_\_\_\_\_

Email \_\_\_\_\_

Call Sign \_\_\_\_\_ Class \_\_\_\_\_

**Send To:** Carl Clawson, WS7L  
20767 NW Old Pass Rd., Hillsboro OR 97124  
Or email all information to: [ve@seapac.org](mailto:ve@seapac.org)  
Questions? Call 503.629.5796 evenings, or email

## Chuck Mickley Scholarship Award

The Chuck Mickley Scholarship is awarded to an amateur operator who will be attending college as a new or returning student. Please make sure any eligible amateurs that you know are aware of it. Applications are due by March 31, 2013 and full qualification criteria and application materials are at [www.otvarc.org/scholarship/index.html](http://www.otvarc.org/scholarship/index.html).

## RAGS Country Store

RAGS, the Country Store, will display your rig for sale on consignment. They also provide a testing center for equipment you are considering purchasing. To reserve your spot, call or write:

Gene Mielke, KA7JNU, 3926 Fairview, Hood River OR 97031  
or call 541.490.9920 or email [emielke@charter.net](mailto:emielke@charter.net)

## Spaghetti Dinner

**The 6th Annual STARS/SEARC/CBARS/CCARS/SHS GTRC**

**All You Can Eat Spaghetti Dinner**

**Everyone Welcome**

**Friday, May 31, 2013 from 5 p.m. to 8:30 p.m.**

**Bob Chisholm Center, 1225 Avenue A, Seaside, OR**

**Adults \$8    Children 7-12 \$6**

**\$1 off admission with proof of ham license or SEA-PAC Registration.**



ARRL NORTHWESTERN DIVISION HAM CONVENTION

Post Office Box 25466

Portland, OR 97298-0466

***"The Northwest's Largest Ham Convention"***



**ARRL NORTHWESTERN DIVISION CONVENTION**

**May 31, June 1 and 2, 2013**

**Seaside Convention Center  
415 First Avenue, Seaside, Oregon**

The Oregon Tualatin Valley ARC, sponsoring organization of *SeaPac*, wishes to thank Clark County ARC, Sunset Empire ARC, STARS and RAGS for their support.

Please let us hear your suggestions.

**Talk-in: 145.450(-) Tone 118.8**

**[www.seapac.org](http://www.seapac.org)**

**Convention sponsors reserve the right to alter the convention schedule and programs.**

All registrants, including convention sponsors, are eligible for awards. Good luck to all!

**Seaside Convention Center**

**is a No Smoking Facility.**

**ORS 433.839 and 433.875**

**No Pets Allowed in the Convention Center.**